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Biochemical changes associated with a multidrug-resistant phenotype of a human glioma cell line with temozolomide-acquired resistance.
Biochem Pharmacol. 2002 Apr 1;63(7):1219-28.
PMID: 11960598 [PubMed - in process]

- ☐ **5:** van Meerbeeck JP, Baas P, Debruyne C, Smit EF, van Klaveren RJ, Galdemans D, Lentz MA, Manegold C, Giaccone G.
A phase II EORTC study of temozolomide in patients with malignant pleural mesothelioma.
Eur J Cancer. 2002;38(6):779-83.
PMID: 11937311 [PubMed - in process]

- ☐ **6:** Margolin K, Atkins B, Thompson A, Ernstoff S, Weber J, Flaherty L, Clark I, Weiss G, Sosman J, II Smith W, Dutcher P, Gollob J, Longmate J, Johnson D. Related Articles
Temozolomide and whole brain irradiation in melanoma metastatic to the brain: a phase II trial of the Cytokine Working Group.
J Cancer Res Clin Oncol. 2002 Apr;128(4):214-8.
PMID: 11935312 [PubMed - in process]

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Effect of temozolomide on central nervous system relapse in patients with advanced melanoma.
Melanoma Res. 2002 Apr;12(2):175-8.

PMID: 11930115 [PubMed - in process]

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Pharmacokinetic considerations of oral chemotherapy in elderly patients with cancer.
Drugs Aging. 2002;19(1):25-42.
PMID: 11929325 [PubMed - in process]
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Neuro-oncol. 2002 Apr;4(2):102-8.
PMID: 11916501 [PubMed - in process]
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Prevention of irradiation-induced glioma cell invasion by temozolomide involves caspase 3 activity and cleavage of focal adhesion kinase.
Cancer Res. 2002 Mar 15;62(6):1915-9.
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Current and future developments in the use of temozolomide for the treatment of brain tumours.
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Treatment of metastatic melanoma in the brain with temozolomide and thalidomide.
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PMID: 11902555 [PubMed - in process]
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Temozolomide (Temodar).
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PMID: 11899402 [PubMed - in process]
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Cancer Pract. 2000 Nov-Dec;8(6):311-3. Review. No abstract available.
PMID: 11898150 [PubMed - indexed for MEDLINE]
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Combined treatment with temozolomide and poly(ADP-ribose) polymerase inhibitor enhances survival of mice bearing hematologic malignancy at the central nervous system site.
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A rapid and systematic review of the effectiveness of temozolomide for the treatment of recurrent malignant glioma.
Br J Cancer. 2002 Feb 12;86(4):501-5. Review.

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Phase II trial of temozolomide plus the matrix metalloproteinase inhibitor, marimastat, in recurrent and progressive glioblastoma multiforme.

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PMID: 11870183 [PubMed - indexed for MEDLINE]

☐ **19: Stupp R, Dietrich PY, Ostermann Kraljevic S, Pica A, Maillard I, Maeder P, Meuli R, Janzer R, Pizzolato G, Miralbell R, Porchet F, Regli L, de Tribolet N, Mirimanoff RO, Leyvraz S.** Related Articles

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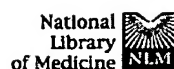
Temozolomide in combination with docetaxel in patients with advanced melanoma: a phase II study of the Hellenic Cooperative Oncology Group.

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Neuro-oncol. 2002 Jan;4(1):39-43.
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Therapeutic management of refractory or relapsed primary central nervous system lymphomas.
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Role of cytochrome P450 isoenzymes in metabolism of O(6)-benzylguanine: implications for dacarbazine activation.
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PMID: 11751525 [PubMed - indexed for MEDLINE]

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Controversies in the management of brain metastases: the role of chemotherapy.
Forum (Genova). 2001 Jan-Mar;11(1):59-74. Review.
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Possible efficacy of temozolomide in a patient with gliomatosis cerebri.
Neurology. 2001 Nov 27;57(10):1932-3. No abstract available.
PMID: 11723300 [PubMed - indexed for MEDLINE]

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A phase II trial of temozolomide for patients with recurrent or progressive brain metastases.
J Neurooncol. 2001 Jul;53(3):259-65.
PMID: 11718258 [PubMed - indexed for MEDLINE]

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Targeting DNA mismatch repair for radiosensitization.
Semin Radiat Oncol. 2001 Oct;11(4):300-15. Review.
PMID: 11677655 [PubMed - indexed for MEDLINE]

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Bull Cancer. 2001 Sep;88(9):871-6. Review. French.

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Temozolomide enhances herpes simplex virus thymidine kinase/ganciclovir therapy of malignant glioma.

Cancer Gene Ther. 2001 Sep;8(9):662-8.

PMID: 11593335 [PubMed - indexed for MEDLINE]

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Methoxyamine potentiates DNA single strand breaks and double strand breaks induced by temozolomide in colon cancer cells.

Mutat Res. 2001 May 10;485(4):269-81.

PMID: 11585361 [PubMed - indexed for MEDLINE]

- ☐ **32:** Gururangan S, Cokgor L, Rich JN, Edwards S, Affronti ML, Quinn JA, Herndon JE 2nd, Provenzale JM, McLendon RE, Tourt-Uhlig S, Sampson JH, Stafford-Fox V, Zaknoen S, Early M, Friedman AH, Friedman HS. Related Articles

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Neuro-oncol. 2001 Oct;3(4):246-50.

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Late recurrence of a primitive neuro-ectodermal tumor.

Oncology. 2001;61(3):189-91.

PMID: 11574773 [PubMed - indexed for MEDLINE]

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New strategy developments in brain tumor therapy.

Curr Pharm Des. 2001 Nov;7(16):1553-80. Review.

PMID: 11562299 [PubMed - indexed for MEDLINE]

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Protection of hematopoietic cells from O(6)-alkylation damage by O(6)-methylguanine DNA methyltransferase gene transfer: studies with different O(6)-alkylating agents and retroviral backbones.

Eur J Haematol. 2001 Jul;67(1):2-13.

PMID: 11553261 [PubMed - indexed for MEDLINE]

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Characterization of paclitaxel (Taxol) sensitivity in human glioma- and medulloblastoma-derived cell lines.

Neuro-oncol. 1999 Apr;1(2):101-8.

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Future directions for temozolomide therapy.
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Int J Oncol. 2001 Jun;18(6):1187-93.

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☐ **62:** Strivenugopal KS, Shou J, Mullapudi SR, Lang FF Jr, Rao JS, Ali-Osman F.

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PMID: 11345654 [PubMed - indexed for MEDLINE]

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Safety and efficacy of temozolomide in patients with recurrent anaplastic oligodendrogliomas after standard radiotherapy and chemotherapy.

J Clin Oncol. 2001 May 1;19(9):2449-55.

PMID: 11331324 [PubMed - indexed for MEDLINE]

☐ **66:** Si YK.

Related Articles

[Use of nuclear magnetic resonance spectroscopy in drug metabolism studies]

Yao Xue Xue Bao. 1997;32(3):236-40. Review. Chinese. No abstract available.

PMID: 11327031 [PubMed - indexed for MEDLINE]

☐ **67:** Glaser T, Castro MG, Lowenstein PR, Weller M.

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Death receptor-independent cytochrome c release and caspase activation mediate thymidine kinase plus ganciclovir-mediated cytotoxicity in LN-18 and LN-229 human

malignant glioma cells.

Gene Ther. 2001 Mar;8(6):469-76.

PMID: 11313826 [PubMed - indexed for MEDLINE]

☐ **68:** Dummer R, Burg G.

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What's new in the treatment of melanoma?

J Eur Acad Dermatol Venereol. 2000 Sep;14(5):337-9. No abstract available.

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A phase I trial of 1,3-bis(2-chloroethyl)-1-nitrosourea plus temozolomide: a North American Brain Tumor Consortium study.

Neuro-oncol. 2000 Jan;2(1):34-9.

PMID: 11302252 [PubMed - indexed for MEDLINE]

☐ **70:** Brada M, Hoang-Xuan K, Rampling R, Dietrich PY, Dirix LY, Macdonald D, Heimans JJ, Zonnenberg BA, Bravo-Marques JM, Henriksson R, Stupp R, Yue N, Bruner J, Dugan M, Rao S, Zaknoen S.

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Temozolomide as a second-line systemic regimen in recurrent high-grade glioma: a phase II study.

Ann Oncol. 2001 Feb;12(2):255-7.

PMID: 11300334 [PubMed - indexed for MEDLINE]

☐ **72:** Christodoulou C, Bafaloukos D, Kosmidis P, Samantas E, Bamias A, Papakostas P, Karabelis A, Bacoyiannis C, Skarlos DV.

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Phase II study of temozolomide in heavily pretreated cancer patients with brain metastases.

Ann Oncol. 2001 Feb;12(2):249-54.

PMID: 11300333 [PubMed - indexed for MEDLINE]

☐ **73:** Hirose Y, Berger MS, Pieper RO.

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p53 effects both the duration of G2/M arrest and the fate of temozolomide-treated human glioblastoma cells.

Cancer Res. 2001 Mar 1;61(5):1957-63.

PMID: 11280752 [PubMed - indexed for MEDLINE]

☐ **74:** Armstrong T, Hancock C.

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Temodar offers promise for treating astrocytomas.

Clin J Oncol Nurs. 2000 Jul-Aug;4(4):159-60.

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Inducible nitric oxide synthase neutralizes carbamoylating potential of 1,3-bis(2-chloroethyl)-1-nitrosourea in c6 glioma cells.

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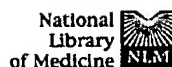
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Population pharmacokinetics of temozolomide in cancer patients.
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Characterization of MLH1 and MSH2 DNA mismatch repair proteins in cell lines of the NCI anticancer drug screen.
Cancer Chemother Pharmacol. 2000;46(6):507-16.
PMID: 11138465 [PubMed - indexed for MEDLINE]

- ☐ **86:** Royce ME, Hoff PM, Pazdur R. Related Articles
Novel oral chemotherapy agents.
Curr Oncol Rep. 2000 Jan;2(1):31-7. Review.
PMID: 11122822 [PubMed - indexed for MEDLINE]

- ☐ **87:** Newton HB. Related Articles
Novel chemotherapeutic agents for the treatment of brain cancer.
Expert Opin Investig Drugs. 2000 Dec;9(12):2815-29. Review.
PMID: 11093355 [PubMed - indexed for MEDLINE]

- ☐ **88:** Plumb JA, Strathdee G, Sludden J, Kaye SB, Brown R. Related Articles
Reversal of drug resistance in human tumor xenografts by

2'-deoxy-5-azacytidine-induced demethylation of the hMLH1 gene promoter.

Cancer Res. 2000 Nov 1;60(21):6039-44.

PMID: 11085525 [PubMed - indexed for MEDLINE]

☐ **89:** Osoba D.

Related Articles

Effects of temozolomide in malignant brain tumours.

Lancet. 2000 Jul 22;356(9226):342. No abstract available.

PMID: 11071219 [PubMed - indexed for MEDLINE]

☐ **90:** White AW, Almassy R, Calvert AH, Curtin NJ, Griffin RJ,

Related Articles, Protein, Structure

Hostomsky Z, Maegley K, Newell DR, Srinivasan S,

Golding BT.

Resistance-modifying agents. 9. Synthesis and biological properties of benzimidazole inhibitors of the DNA repair enzyme poly(ADP-ribose) polymerase.

J Med Chem. 2000 Nov 2;43(22):4084-97.

PMID: 11063605 [PubMed - indexed for MEDLINE]

☐ **91:** Griffin RJ, Arris CE, Bleasdale C, Boyle FT, Calvert AH, Curtin NJ, Dalby C,

Related Articles

Kanugula S, Lembicz NK, Newell DR, Pegg AE, Golding BT.

Resistance-modifying agents. 8. Inhibition of O(6)-alkylguanine-DNA alkyltransferase by O(6)-alkenyl-, O(6)-cycloalkenyl-, and O(6)-(2-oxoalkyl)guanines and potentiation of temozolomide cytotoxicity in vitro by O(6)-(1-cyclopentenylmethyl)guanine.

J Med Chem. 2000 Nov 2;43(22):4071-83.

PMID: 11063604 [PubMed - indexed for MEDLINE]

☐ **92:** Middleton MR, Lee SM, Arance A, Wood M, Thatcher N, Margison GP.

Related Articles

O6-methylguanine formation, repair protein depletion and clinical outcome with a 4 hr schedule of temozolomide in the treatment of advanced melanoma: results of a phase II study.

Int J Cancer. 2000 Nov 1;88(3):469-73.

PMID: 11054678 [PubMed - indexed for MEDLINE]

☐ **93:** Brandes AA, Pasetto LM, Vastola F, Monfardini S.

Related Articles

Temozolomide in patients with high grade gliomas.

Oncology. 2000 Sep;59(3):181-6. Review.

PMID: 11053983 [PubMed - indexed for MEDLINE]

☐ **94:** Patel VJ, Elion GB, Houghton PJ, Keir S, Pegg AE, Johnson SP, Dolan ME,
Bigner DD, Friedman HS.

Related Articles

Schedule-dependent activity of temozolomide plus CPT-11 against a human central nervous system tumor-derived xenograft.

Clin Cancer Res. 2000 Oct;6(10):4154-7.

PMID: 11051270 [PubMed - indexed for MEDLINE]

☐ **95:** Heimberger AB, Archer GE, McLendon RE, Hulette C, Friedman AH, Friedman
HS, Bigner DD, Sampson JH.

Related Articles

Temozolomide delivered by intracerebral microinfusion is safe and efficacious against malignant gliomas in rats.

Clin Cancer Res. 2000 Oct;6(10):4148-53.

PMID: 11051269 [PubMed - indexed for MEDLINE]

☐ **96:** Houghton PJ, Stewart CF, Cheshire PJ, Richmond LB, Kirstein MN, Poquette
CA, Tan M, Friedman HS, Brent TP.

Related Articles

Antitumor activity of temozolomide combined with irinotecan is partly independent of O6-methylguanine-DNA methyltransferase and mismatch repair phenotypes in xenograft models.

Clin Cancer Res. 2000 Oct;6(10):4110-8.

PMID: 11051264 [PubMed - indexed for MEDLINE]

☐ **97:** [Cai Y](#), [Wu MH](#), [Xu-Welliver M](#), [Pegg AE](#), [Ludeman SM](#), [Dolan ME](#).

[Related Articles](#)

Effect of O6-benzylguanine on alkylating agent-induced toxicity and mutagenicity. In Chinese hamster ovary cells expressing wild-type and mutant O6-alkylguanine-DNA alkyltransferases.

Cancer Res. 2000 Oct 1;60(19):5464-9.

PMID: 11034089 [PubMed - indexed for MEDLINE]

☐ **98:** [Spiro T](#), [Liu L](#), [Gerson S](#).

[Related Articles](#)

New cytotoxic agents for the treatment of metastatic malignant melanoma: temozolomide and related alkylating agents in combination with guanine analogues to abrogate drug resistance.

Forum (Genova). 2000 Jul-Sep;10(3):274-85. Review.

PMID: 11007934 [PubMed - indexed for MEDLINE]

☐ **99:** [No authors listed]

[Related Articles](#)

Temozolomide for refractory anaplastic astrocytoma.

Med Lett Drugs Ther. 1999 Dec 17;41(1068):123-4. No abstract available.

PMID: 10987014 [PubMed - indexed for MEDLINE]

☐ **100:** [Osoba D](#), [Brada M](#), [Yung WK](#), [Prados MD](#).

[Related Articles](#)

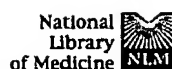
Health-related quality of life in patients with anaplastic astrocytoma during treatment with temozolomide.

Eur J Cancer. 2000 Sep;36(14):1788-95.

PMID: 10974627 [PubMed - indexed for MEDLINE]

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PubMed

- ☐ **201:** Bower M, Newlands ES, Bleehen NM, Brada M, Begent RJ, Calvert H, Colquhoun I, Lewis P, Brampton MH. Related Articles

Multicentre CRC phase II trial of temozolomide in recurrent or progressive high-grade glioma.

Cancer Chemother Pharmacol. 1997;40(6):484-8.

PMID: 9332462 [PubMed - indexed for MEDLINE]

PubMed
Services

- ☐ **202:** Tentori L, Orlando L, Lacal PM, Benincasa E, Faraoni I, Bonmassar E, D'Atri S, Graziani G. Related Articles

Inhibition of O6-alkylguanine DNA-alkyltransferase or poly(ADP-ribose) polymerase increases susceptibility of leukemic cells to apoptosis induced by temozolomide.

Mol Pharmacol. 1997 Aug;52(2):249-58.

PMID: 9271347 [PubMed - indexed for MEDLINE]

Related
Resources

- ☐ **203:** Friedman HS, Johnson SP, Dong Q, Schold SC, Rasheed BK, Bigner SH, Ali-Osman F, Dolan E, Colvin OM, Houghton P, Germain G, Drummond JT, Keir S, Marcelli S, Bigner DD, Modrich P. Related Articles

Methylator resistance mediated by mismatch repair deficiency in a glioblastoma multiforme xenograft.

Cancer Res. 1997 Jul 15;57(14):2933-6.

PMID: 9230204 [PubMed - indexed for MEDLINE]

- ☐ **204:** Armand JP. Related Articles

New anticancer drugs in Europe.

Gan To Kagaku Ryoho. 1997 May;24 Suppl 1:70-93. Review. No abstract available.

PMID: 9210890 [PubMed - indexed for MEDLINE]

- ☐ **205:** Chinnasamy N, Rafferty JA, Hickson I, Ashby J, Tinwell H, Margison GP, Dexter TM, Fairbairn LJ. Related Articles

O6-benzylguanine potentiates the in vivo toxicity and clastogenicity of temozolomide and BCNU in mouse bone marrow.

Blood. 1997 Mar 1;89(5):1566-73.

PMID: 9057638 [PubMed - indexed for MEDLINE]

- ☐ **206:** Jean-Claude BJ, Mustafa A, Cetateanu ND, Damian Z, De Marte J, Yen R, Vasilescu D, Chan TH, Leyland-Jones B. Related Articles

Design and mechanism of action of a novel cytotoxic 1,2,3-triazene-containing heterocycle, 3,5-dimethyl-pyrido-1,2,3,5-tetrazepin-4-one (PYRZ), in the human epithelial ovarian cancer cell line NIH:OVCAR-3 in vitro.

Br J Cancer. 1997;76(4):467-73.

PMID: 9275023 [PubMed - indexed for MEDLINE]

- ☐ **207:** Wedge SR, Porteous JK, Newlands ES. Related Articles

Effect of single and multiple administration of an O6-benzylguanine/temozolomide combination: an evaluation in a human melanoma xenograft model.

Cancer Chemother Pharmacol. 1997;40(3):266-72.

PMID: 9219512 [PubMed - indexed for MEDLINE]

- ☐ **208:** Newlands ES, Stevens MF, Wedge SR, Wheelhouse RT, Brock C. Related Articles

Temozolomide: a review of its discovery, chemical properties, pre-clinical development and clinical trials.

Cancer Treat Rev. 1997 Jan;23(1):35-61. Review. No abstract available.

PMID: 9189180 [PubMed - indexed for MEDLINE]

- ☐ **209:** Wedge SR, Porteous JK, Glaser MG, Marcus K, Newlands ES. Related Articles

In vitro evaluation of temozolomide combined with X-irradiation.

Anticancer Drugs. 1997 Jan;8(1):92-7.

PMID: 9147618 [PubMed - indexed for MEDLINE]

- ☐ **210:** Newlands ES, O'Reilly SM, Glaser MG, Bower M, Evans H, Brock C, Related Articles

Brampton MH, Colquhoun I, Lewis P, Rice-Edwards JM, Illingworth RD,

Richards PG.

The Charing Cross Hospital experience with temozolomide in patients with gliomas.

Eur J Cancer. 1996 Dec;32A(13):2236-41.

PMID: 9038604 [PubMed - indexed for MEDLINE]

- ☐ **211:** Liu L, Markowitz S, Gerson SL. Related Articles

Mismatch repair mutations override alkyltransferase in conferring resistance to temozolomide but not to 1,3-bis(2-chloroethyl)nitrosourea.

Cancer Res. 1996 Dec 1;56(23):5375-9.

PMID: 8968088 [PubMed - indexed for MEDLINE]

- ☐ **212:** Lacal PM, D'Atri S, Orlando L, Bonmassar E, Graziani G. Related Articles

In vitro inactivation of human O6-alkylguanine DNA alkyltransferase by antitumor triazene compounds.

J Pharmacol Exp Ther. 1996 Oct;279(1):416-22.

PMID: 8859021 [PubMed - indexed for MEDLINE]

- ☐ **213:** Wedge SR, Porteous JK, Newlands ES. Related Articles

3-aminobenzamide and/or O6-benzylguanine evaluated as an adjuvant to temozolomide or BCNU treatment in cell lines of variable mismatch repair status and O6-alkylguanine-DNA alkyltransferase activity.

Br J Cancer. 1996 Oct;74(7):1030-6.

PMID: 8855970 [PubMed - indexed for MEDLINE]

- ☐ **214:** Wang G, Weiss C, Sheng P, Bresnick E. Related Articles

Retrovirus-mediated transfer of the human O6-methylguanine-DNA methyltransferase gene into a murine hematopoietic stem cell line and resistance to the toxic effects of certain alkylating agents.

Biochem Pharmacol. 1996 May 3;51(9):1221-8.

PMID: 8645346 [PubMed - indexed for MEDLINE]

- ☐ **215:** Wedge SR, Newlands ES. Related Articles

O6-benzylguanine enhances the sensitivity of a glioma xenograft with low O6-alkylguanine-DNA alkyltransferase activity to temozolomide and BCNU.

Br J Cancer. 1996 May;73(9):1049-52.

PMID: 8624262 [PubMed - indexed for MEDLINE]

☐ **216:** Devineni D, Klein-Szanto A, Gallo JM.

Related Articles

Uptake of temozolomide in a rat glioma model in the presence and absence of the angiogenesis inhibitor TNP-470.

Cancer Res. 1996 May 1;56(9):1983-7.

PMID: 8616836 [PubMed - indexed for MEDLINE]

☐ **217:** Wedge SR, Porteus JK, May BL, Newlands ES.

Related Articles

Potential of temozolomide and BCNU cytotoxicity by O(6)-benzylguanine: a comparative study in vitro.

Br J Cancer. 1996 Feb;73(4):482-90.

PMID: 8595163 [PubMed - indexed for MEDLINE]

☐ **218:** Karran P, Hampson R.

Related Articles

Genomic instability and tolerance to alkylating agents.

Cancer Surv. 1996;28:69-85. Review.

PMID: 8977029 [PubMed - indexed for MEDLINE]

☐ **219:** Belanich M, Randall T, Pastor MA, Kibitel JT, Alas LG, Dolan ME, Schold SC Jr, Gander M, Lejeune FJ, Li BF, White AB, Wasserman P, Citron ML, Yarosh DB.

Related Articles

Intracellular Localization and intercellular heterogeneity of the human DNA repair protein O(6)-methylguanine-DNA methyltransferase.

Cancer Chemother Pharmacol. 1996;37(6):547-55.

PMID: 8612308 [PubMed - indexed for MEDLINE]

☐ **220:** Graziani G, Faraoni I, Grohmann U, Bianchi R, Binaglia L, Margison GP, Watson AJ, Orlando L, Bonmassar E, D'Atri S.

Related Articles

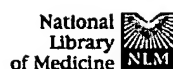
O6-alkylguanine-DNA alkyltransferase attenuates triazene-induced cytotoxicity and tumor cell immunogenicity in murine L1210 leukemia.

Cancer Res. 1995 Dec 15;55(24):6231-6.

PMID: 8521419 [PubMed - indexed for MEDLINE]

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PubMed

☐ **241:** Lee SM, Thatcher N, Crowther D, Margison GP.

Related Articles

Inactivation of O6-alkylguanine-DNA alkyltransferase in human peripheral blood mononuclear cells by temozolomide.

Br J Cancer. 1994 Mar;69(3):452-6.

PMID: 8123472 [PubMed - indexed for MEDLINE]

PubMed
Services

☐ **242:** Imperatori L, Damia G, Taverna P, Garattini E, Citti L, Boldrini L, D'Incalci M.

Related Articles

3T3 NIH murine fibroblasts and B78 murine melanoma cells expressing the Escherichia coli N3-methyladenine-DNA glycosylase I do not become resistant to alkylating agents.

Carcinogenesis. 1994 Mar;15(3):533-7.

PMID: 8118939 [PubMed - indexed for MEDLINE]

Related
Resources

☐ **243:** Berger NA.

Related Articles

Alkylating agents.

Cancer Chemother Biol Response Modif. 1994;15:32-43. Review. No abstract available.

PMID: 7779588 [PubMed - indexed for MEDLINE]

☐ **244:** Baer JC, Freeman AA, Newlands ES, Watson AJ, Rafferty JA, Margison GP.

Related Articles

Depletion of O6-alkylguanine-DNA alkyltransferase correlates with potentiation of temozolomide and CCNU toxicity in human tumour cells.

Br J Cancer. 1993 Jun;67(6):1299-302.

PMID: 8512814 [PubMed - indexed for MEDLINE]

☐ **245:** O'Reilly SM, Newlands ES, Glaser MG, Brampton M, Rice-Edwards JM, Illingworth RD, Richards PG, Kennard C, Colquhoun IR, Lewis P, et al.

Related Articles

Temozolomide: a new oral cytotoxic chemotherapeutic agent with promising activity against primary brain tumours.

Eur J Cancer. 1993;29A(7):940-2.

PMID: 8499146 [PubMed - indexed for MEDLINE]

☐ **246:** McVie JG.

Related Articles

The therapeutic challenge of gliomas.

Eur J Cancer. 1993;29A(7):936-9. Review. No abstract available.

PMID: 8499145 [PubMed - indexed for MEDLINE]

☐ **247:** Stevens MF, Newlands ES.

Related Articles

From triazines and triazenes to temozolomide.

Eur J Cancer. 1993;29A(7):1045-7. No abstract available.

PMID: 8499135 [PubMed - indexed for MEDLINE]

- ☐ **248:** Mitchell RB, Dolan ME. Related Articles
Effect of temozolomide and dacarbazine on O6-alkylguanine-DNA alkyltransferase activity and sensitivity of human tumor cells and xenografts to 1,3-bis(2-chloroethyl)-1-nitrosourea.
Cancer Chemother Pharmacol. 1993;32(1):59-63.
PMID: 8462125 [PubMed - indexed for MEDLINE]
- ☐ **249:** Workman P, Kaye SB, Schwartzmann G. Related Articles
Laboratory and phase I studies of new cancer drugs.
Curr Opin Oncol. 1992 Dec;4(6):1065-72. Review.
PMID: 1360819 [PubMed - indexed for MEDLINE]
- ☐ **250:** Lowe PR, Sansom CE, Schwalbe CH, Stevens MF, Clark AS. Related Articles
Antitumor imidazotetrazines. 25. Crystal structure of 8-carbamoyl-3-methylimidazo[5,1-d]-1,2,3,5-tetrazin-4(3H)-one (temozolomide) and structural comparisons with the related drugs mitozolomide and DTIC.
J Med Chem. 1992 Sep 4;35(18):3377-82.
PMID: 1527789 [PubMed - indexed for MEDLINE]
- ☐ **251:** Taverna P, Catapano CV, Citti L, Bonfanti M, D'Incalci M. Related Articles
Influence of O6-methylguanine on DNA damage and cytotoxicity of temozolomide in L1210 mouse leukemia sensitive and resistant to chloroethylnitrosoureas.
Anticancer Drugs. 1992 Aug;3(4):401-5.
PMID: 1421437 [PubMed - indexed for MEDLINE]
- ☐ **252:** Deans B, Tisdale MJ. Related Articles
Antitumour imidazotetrazines XXVIII 3-methyladenine DNA glycosylase activity in cell lines sensitive and resistant to temozolomide.
Cancer Lett. 1992 Apr 15;63(2):151-7.
PMID: 1562991 [PubMed - indexed for MEDLINE]
- ☐ **253:** Franchi A, Papa G, D'Atri S, Piccioni D, Masi M, Bonmassar E. Related Articles
Cytotoxic effects of dacarbazine in patients with acute myelogenous leukemia: a pilot study.
Haematologica. 1992 Mar-Apr;77(2):146-50.
PMID: 1398299 [PubMed - indexed for MEDLINE]
- ☐ **254:** Newlands ES, Blackledge GR, Slack JA, Rustin GJ, Smith DB, Stuart NS, Quarterman CP, Hoffman R, Stevens MF, Brampton MH, et al. Related Articles
Phase I trial of temozolomide (CCRG 81045: M&B 39831: NSC 362856).
Br J Cancer. 1992 Feb;65(2):287-91.
PMID: 1739631 [PubMed - indexed for MEDLINE]
- ☐ **255:** Bianchi R, Citti L, Beghetti R, Romani L, D'Incalci M, Puccetti P, Fioretti MC. Related Articles
O6-methylguanine-DNA methyltransferase activity and induction of novel immunogenicity in murine tumor cells treated with methylating agents.
Cancer Chemother Pharmacol. 1992;29(4):277-82.
PMID: 1537073 [PubMed - indexed for MEDLINE]
- ☐ **256:** Hepburn PA, Tisdale MJ. Related Articles
Antitumour imidazotetrazines--XXIV. Growth suppression by DNA from cells treated with imidazotetrazinones.

Biochem Pharmacol. 1991 Feb 1;41(3):339-43.
PMID: 1994893 [PubMed - indexed for MEDLINE]

- ☐ **257:** D'Incalci M, Taverna P, Erba E, Filippeschi S, Potenza D, Mariani L, Citti L, Catapano CV. Related Articles

O6-methylguanine and temozolomide can reverse the resistance to chloroethylnitrosoureas of a mouse L1210 leukemia.

Anticancer Res. 1991 Jan-Feb;11(1):115-21.

PMID: 2018345 [PubMed - indexed for MEDLINE]

- ☐ **258:** Tsang LL, Quarterman CP, Gescher A, Slack JA. Related Articles

Comparison of the cytotoxicity in vitro of temozolomide and dacarbazine, prodrugs of 3-methyl-(triazene-1-yl)imidazole-4-carboxamide.

Cancer Chemother Pharmacol. 1991;27(5):342-6.

PMID: 1998993 [PubMed - indexed for MEDLINE]

- ☐ **259:** Clark AS, Stevens MF, Sansom CE, Schwalbe CH. Related Articles

Anti-tumour imidazotetrazines. Part XXI. Mitozolomide and temozolomide: probes for the major groove of DNA.

Anticancer Drug Des. 1990 Feb;5(1):63-8.

PMID: 2317259 [PubMed - indexed for MEDLINE]

- ☐ **260:** Tsang LL, Farmer PB, Gescher A, Slack JA. Related Articles

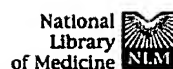
Characterisation of urinary metabolites of temozolomide in humans and mice and evaluation of their cytotoxicity.

Cancer Chemother Pharmacol. 1990;26(6):429-36.

PMID: 2225314 [PubMed - indexed for MEDLINE]

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Temozolomide induced differentiation of K562 leukemia cells is not mediated by gene hypomethylation.
Biochem Pharmacol. 1989 Jul 1;38(13):2069-75.
PMID: 2660797 [PubMed - indexed for MEDLINE]

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- ☐ **262:** Tisdale MJ. Related Articles
Antitumour imidazotetrazines--XVIII. Modification of the level of 5-methylcytosine in DNA by 3-substituted imidazotetrazinones.
Biochem Pharmacol. 1989 Apr 1;38(7):1097-101.
PMID: 2706009 [PubMed - indexed for MEDLINE]

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- ☐ **263:** Dive C, Workman P, Watson JV. Related Articles
Inhibition of cellular esterases by the antitumour imidazotetrazines mitozolomide and temozolomide: demonstration by flow cytometry and conventional spectrofluorimetry.
Cancer Chemother Pharmacol. 1989;25(3):149-55.
PMID: 2557170 [PubMed - indexed for MEDLINE]

- ☐ **264:** Tisdale MJ. Related Articles
Antitumour imidazotetrazines and gene expression.
Acta Oncol. 1988;27(5):511-6.
PMID: 3203008 [PubMed - indexed for MEDLINE]

- ☐ **265:** Stevens MF, Hickman JA, Langdon SP, Chubb D, Vickers L, Stone R, Baig G, Goddard C, Gibson NW, Slack JA, et al. Related Articles
Antitumor activity and pharmacokinetics in mice of 8-carbamoyl-3-methyl-imidazo[5,1-d]-1,2,3,5-tetrazin-4(3H)-one (CCRG 81045; M & B 39831), a novel drug with potential as an alternative to dacarbazine.
Cancer Res. 1987 Nov 15;47(22):5846-52.
PMID: 3664486 [PubMed - indexed for MEDLINE]

- ☐ **266:** Bull VL, Tisdale MJ. Related Articles
Antitumour imidazotetrazines--XVI. Macromolecular alkylation by 3-substituted imidazotetrazinones.
Biochem Pharmacol. 1987 Oct 1;36(19):3215-20.
PMID: 2444229 [PubMed - indexed for MEDLINE]

- ☐ **267:** Catapano CV, Broggin M, Erba E, Ponti M, Mariani L, Citti L, D'Incalci M. Related Articles
In vitro and in vivo methazolastone-induced DNA damage and repair in L-1210 leukemia sensitive and resistant to chloroethylnitrosoureas.

Cancer Res. 1987 Sep 15;47(18):4884-9.
PMID: 3621181 [PubMed - indexed for MEDLINE]

☐ **268:** [Tisdale MJ.](#)

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Antitumor imidazotetrazines--XV. Role of guanine O6 alkylation in the mechanism of cytotoxicity of imidazotetrazinones.
Biochem Pharmacol. 1987 Feb 15;36(4):457-62.
PMID: 3470008 [PubMed - indexed for MEDLINE]

☐ **269:** [Hooper NI, Tisdale MJ, Thornalley PJ.](#)

[Related Articles](#)

Glyoxalase activity during differentiation of human leukaemia cells in vitro.
Leuk Res. 1987;11(12):1141-8.
PMID: 3480403 [PubMed - indexed for MEDLINE]

☐ **270:** [Wilman DE.](#)

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Prodrugs in cancer chemotherapy.
Biochem Soc Trans. 1986 Apr;14(2):375-82. No abstract available.
PMID: 3086154 [PubMed - indexed for MEDLINE]

☐ **271:** [Tisdale MJ.](#)

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Antitumour imidazotetrazines-X. Effect of 8-carbamoyl-3-methylimidazo[5,1-d]-1,2,3,5-tetrazin-4(3H)-one (CCRG 81045; M & B 39831; NSC 362856) on DNA methylation during induction of haemoglobin synthesis in human leukaemia cell line K562.
Biochem Pharmacol. 1986 Jan 15;35(2):311-6.
PMID: 3455809 [PubMed - indexed for MEDLINE]

☐ **272:** [Tisdale MJ.](#)

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Antitumour imidazotetrazines--XI: Effect of 8-carbamoyl-3-methylimidazo[5,1-d]-1,2,3,5-tetrazin-4(3H)-one [CCRG 81045; M and B 39831 NSC 362856] on poly(ADP-ribose) metabolism.
Br J Cancer. 1985 Nov;52(5):789-92. No abstract available.
PMID: 3864485 [PubMed - indexed for MEDLINE]

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